

Acronym	Definition
APS	Antenna Pointing Subsystem
BPSK	Binary Phase-Shift Keying (or Bi-Phase Shift Keying)
C&DH	Command & Data Handling
CCC	CoNNeCT Control Center
CEC	CoNNeCT Experiment Center
CoNNeCT	Communications, Navigation, and Networking re-Configurable Testbed
DTN	Disruptive Tolerant Network
EHOSC	Enhanced Huntsville Operations Support Center
ELC3	ExPRESS Logistics Carrier-3
EP-MP	HTV/Multi-Purpose Exposed Pallet
EVA	Extravehicular Activity
EVR	Extravehicular Robotics
FEP	front-end processor
GCE	Gimbal Control Electronics
GD	General Dynamics
GIU	Ground Integration Unit
GPS	Global Positioning System
GPSS	Global Positioning Satellite System
GRC	Glenn Research Center
GSE	Ground Support Equipment
GSFC	Goddard Space Flight Center
GVF	Ground Verification Facility
HC	Harris Corporation
HGA	High Gain Antenna
HOSC	Huntsville Operations Support Center
HRDL	High Rate Data Link
IGA	Integrated Gimbal Assembly
IONet	Internet Protocol Operations Network
ISS	International Space Station
JAXA HTV-3	Japanese H-II Transfer Vehicle
JPL	Jet Propulsion Laboratory
LEO	Low Earth Orbit
LGA	Low Gain Antennas
LRDL	Low Rate Data Link
MGA	Medium Gain Antenna
MLI	Multi-Layer Insulation
MSFC	Marshall Space Flight Center
NEN	Near Earth Network
NISN	NASA Integrated Services Network
OE	operating environments
OpNom	Operations Nomenclature
ORUs	Orbital Replacement Unit or On-orbit Replaceable Unit
PDSS	Payload Data Services System
PIs	Principal Investigators
POIC	Payload Operations Integration Center
PPS	Payload Planning System
PRO	Payload Rack Officer
PSU	Power Supply Unit
RF	Radio Frequency
SCaN	Space Communication and Navigation
SDR	Software Defined Radio

SEU	Single Event Upset
SN	Space Network
SNUG	Space Network User's Guide
STRS	Space Telecommunications Radio Systems
TDRS	Tracking and Data Relay Satellite
TDRSS	Tracking and Data Relay Satellite System
TReK	Telescience Resource Kit
TSC	Telescience Support Center
TSIMs	TDRSS simulators
TWTA	Traveling Wave Tube Amplifier
VPN	virtual private network
WF	waveforms
WFF	Wallops Flight Facility
WGS	Wallops Ground Station
WSC	White Sands Complex